

### ABSTRACT OF THE DISCLOSURE

The present invention relates to a self-aligning coupling for mating a pair of corresponding flanged fittings. The self-aligning coupling comprises a first arm, a second arm, and a rotational assist mechanism adapted to mechanically synchronize the closing of the first and second arms relative to the flanged fittings to be connected. The rotational assist mechanism is further adapted to provide motion between the first arm and the second arm to receive and secure the flanged fittings in axial alignment.

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